

Attorney Docket No. LASP:131US
U.S. Patent Application No. 10/567,679
Reply to Office Action of August 4, 2009
Date: October 26, 2009

Amendments to the Specification

Please replace paragraph [0030] with the following amended paragraph:

[0030] Figure 3 shows a microstructured element **9** having planar mirror elements [[31-43]] **31, 33, 35, 37, 39, 41 and 43**, which have different inclinations. The planar mirror elements [[31-43]] **31, 33, 35, 37, 39, 41 and 43** are rotatable around axes of rotation which lie perpendicular to the spectral cleavage direction in the cleavage plane. The microstructured element **9** is implemented as a micro-optoelectromechanical system (MOEMS), so that the particular angles of inclination are changeable by applying voltages.

Please replace paragraph [0031] with the following amended paragraph:

[0031] Figure 4 shows a microstructured element having microprisms [[45-57]] **45, 47, 49, 51, 53, 55 and 57**. The prisms are inclined around an axis of rotation which runs parallel to the spectral cleavage direction.

Please replace paragraph [0032] with the following amended paragraph:

[0032] Figure 5 shows a further optical device according to the present invention, which contains a completely reflecting microstructured element **9**, which has a lamellar structure **59**. The first light beam **13** is incident on the microstructured element **9**, as already described with reference to Figure 1. The second light beam **19** is focused by the lens **21** on a first part of the microstructured element. The partial beams **15, 17** are incident on other parts **63, 65**, the parts **63, 65** having a different inclination than the part **61**. The inclinations of the parts [[61-65]] **61, 63 and 65** are selected in such a way that the partial beams **15, 17** and the second light beam **19** are deflected jointly via the lens **5** to the prism **3**, which unites the partial beams **15, 17** and the second light beam **19** collinearly into an output light beam **23**.

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Please replace the paragraph entitles **List of reference numbers** with the following amended paragraph:

1 dispersive element
3 prism
5 imaging optic
7 cleavage plane
9 microstructured element
11 glass substrate
13 first light beam
15 partial beam
17 partial beam
19 second light beam
21 optic
23 output light beam
25 mirrored areas
27 transmitting areas
29 direction of the spectral cleavage
31[-43]] mirror elements element
33 mirror element
35 mirror element
37 mirror element
39 mirror element
41 mirror element
43 mirror element
45[-57]] micropisms microprism
47 microprism

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49 microprism

51 microprism

53 microprism

55 microprism

57 microprism

59 lamellar structure

61 part

63 part

65 part

67 further dispersive element

69 further prism

71 partial beam

73 partial beam